









Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	09599298
	Filing Date	2000-06-21
	First Named Inventor	Scott L. Ruthfield
	Art Unit	2174
	Examiner Name	STEVEN PAUL SAX
	Attorney Docket Number	MS1-0560US

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6097382		2000-08-01	Rosen, ; et al.	
	2	6154128		2000-11-28	Wookey, ; et al.	
	3	6167523		2000-12-26	Strong	
	4	6281896		2001-08-28	Alimpich, ; et al.	
	5	6321259		2001-11-20	Ouellette, ; et al.	
	6	6331864		2001-12-18	Coco, ; et al.	
	7	6366907		2002-04-02	Fanning, ; et al.	
	8	6429885		2002-08-06	Saib, ; et al.	


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09599298
Filing Date		2000-08-21
First Named Inventor	Scott L. Ruthfield	
Art Unit	2174	
Examiner Name	STEVEN PAUL SAX	
Attorney Docket Number	MS1-0560US	

9	6658622	2003-12-02	Aiken, ; et al.	
10	6816849	2004-11-09	Halt, Jr.	
11	6889359	2005-05-03	Conner, ; et al.	
12	6941510	2005-09-06	Ozzie, ; et al.	
13	6948133	2005-09-20	Haley	
14	6993714	2006-01-31	Kaler, ; et al.	
15	6996776	2006-02-07	Makely, ; et al.	
16	6996781	2006-02-07	Myers, ; et al.	
17	7003722	2006-02-21	Röthchiller, ; et al.	
18	7036072	2006-04-25	Sulistio, ; et al.	
19	7039875	2006-05-02	Khalfay, ; et al.	


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09599298
Filing Date		2000-06-21
First Named Inventor	Scott L. Ruthfield	
Art Unit	2174	
Examiner Name	STEVEN PAUL SAX	
Attorney Docket Number	MS1-0560US	

	20	7086009		2006-08-01	Resnick, ; et al.	
	21	7107282		2006-09-12	Yalamanchi	



If you wish to add additional U.S. Patent citation information please click the Add button.

U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20010022592	A1	2001-08-20	Alimpich, Claudia; et al.	
	2	20020035581	A1	2002-03-21	Reynar, Jeff; et al.	
	3	20020054128	A1	2002-05-09	Lau, Rebecca Mei-Har; et al.	
	4	20030007000	A1	2003-01-09	Carlson, Gregory G.; et al.	
	5	20030018668	A1	2003-01-23	Britton, Kathryn H.; et al.	
	6	20030033037	A1	2003-02-13	Yuen, Kam-Por; et al.	
	7	20030046665	A1	2003-03-06	Ilin, Thomas	


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		09599298
Filing Date		2000-06-21
First Named Inventor	Scott L. Ruthfield	
Art Unit	2174	
Examiner Name	STEVEN PAUL SAX	
Attorney Docket Number	MS1-0560US	

	8	20030074279	A1	2003-04-17	Viswanath, Sridatta; et al.	
	9	20030120578	A1	2003-06-26	Newman, Peter	
	10	20030120686	A1	2003-06-26	Kim, Hong J.; et al.	
	11	20030212664	A1	2003-11-13	Breining, Martin; et al.	
	12	20030226111	A1	2003-12-04	Wirts, Steve; et al.	
	13	20030226132	A1	2003-12-04	Tondreau, David; et al.	
	14	20040010752	A1	2004-01-15	Chan, Chee-Yong; et al.	
	15	20040044961	A1	2004-03-04	Pesenson, Leonid	
	16	20040059754	A1	2004-03-25	Barghout, Lauren; et al.	
	17	20040073565	A1	2004-04-15	Kaufman, Michael Philip; et al.	
	18	20040123277	A1	2004-06-24	Schrader, Stuart Lyle; et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****(Not for submission under 37 CFR 1.99)**

Application Number		09599298
Filing Date		2000-06-21
First Named Inventor	Scott L. Ruthfield	
Art Unit	2174	
Examiner Name	STEVEN PAUL SAX	
Attorney Docket Number	MS1-0560US	

	19	20040146199	A1	2004-07-29	Berkner, Kathrin; et al.	
	20	20040163041	A1	2004-08-19	Engel, Alan K.	
	21	20040186762	A1	2004-09-23	Beaven, Douglas F.; et al.	
	22	20040205592	A1	2004-10-14	Huang, Evan S.	
	23	20040221245	A1	2004-11-04	Chickles, Justin; et al.	
	24	20050015732	A1	2005-01-20	Vedula, Nagender P.; et al.	
	25	20050171746	A1	2005-08-04	Thalhammer-Reyero, Cristina	
	26	20050223320	A1	2005-10-06	Brintzenhofe, Keith S.; et al.	
	27	20050240876	A1	2005-10-27	Myers, Kenneth L.; et al.	
	28	20060036995	A1	2006-02-16	Chickles, Justin; et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	09599298
Filing Date	2000-06-21
First Named Inventor	Scott L. Ruthfield
Art Unit	2174
Examiner Name	STEVEN PAUL SAX
Attorney Docket Number	MS1-0560US

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

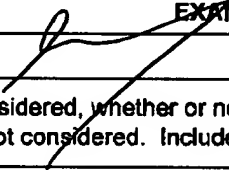
If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
SP	1	"Webopedia Computer Dictionary" retrieved on May 09, 2006, at <<http://www.pewebopedia.com/TERM/O/OLE.html>>, Jupitermedia Corporation, 2006, pp 07	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

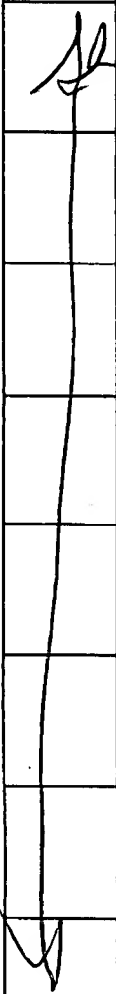
Examiner Signature		Date Considered	4/07
--------------------	---	-----------------	------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.


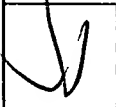
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	09599298
	Filing Date	2000-06-21
	First Named Inventor	Scott L. Ruthfield
	Art Unit	2174
	Examiner Name	STEVEN PAUL SAX
	Attorney Docket Number	MS1-0560US

U.S. PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	6035297		2000-03-07	Van Huben, ; et al.	
	2	6342807		2002-01-29	Petty, et al.	
	3	6369841		2002-04-09	Salomon, ; et al.	
	4	6553402		2003-04-22	Makarios, ; et al.	
	5	6772165		2004-08-03	O'Carroll	
	6	6779154		2004-08-17	Nussebaum, ; et al.	
	7	6845499		2005-01-18	Srivastava, ; et al.	
	8	6871220		2005-03-22	Rejan, ; et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT****(Not for submission under 37 CFR 1.99)**


Application Number	08599298
Filing Date	2000-06-21
First Named Inventor	Scott L. Ruthfield
Art Unit	2174
Examiner Name	STEVEN PAUL SAX
Attorney Docket Number	MS1-0560US

	9	6876996		2005-04-05	Czajkowski, ; et al.	
If you wish to add additional U.S. Patent citation information please click the Add button.						
U.S.PATENT APPLICATION PUBLICATIONS						
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20020152244	A1	2002-10-17	Dean, Sara Elo; et al.	
	2	20020188613	A1	2002-12-12	Chakraborty, Krishneadu; et al.	
	3	20020198935	A1	2002-12-26	Crandall, Steven Allen SR.; et al.	
	4	20030167277	A1	2003-09-04	Hejlsberg, Anders; et al.	
	5	20040205605	A1	2004-10-14	Adler, Sharon C.; et al.	
	6	20060020586	A1	2006-01-26	Prompt, Michel; et al.	
	7	20060031757	A9	2006-02-09	Vincent; Winchel Todd III	
	8	20060041838	A1	2006-02-23	Khan; Ayub S.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Not for submission under 37 CFR 1.99)

Application Number	09599298
Filing Date	2000-06-21
First Named Inventor	Scott L. Ruthfield
Art Unit	2174
Examiner Name	STEVEN PAUL SAX
Attorney Docket Number	MS1-0560US

	9	20060085409	A1	2006-04-20	Rys; Michael; et al.	
---	---	-------------	----	------------	----------------------	--

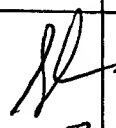

If you wish to add additional U.S. Published Application citation information please click the Add button.

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							<input type="checkbox"/>

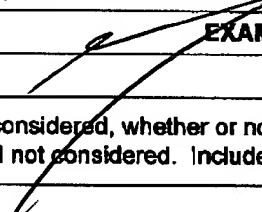
If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	Cover, XML Forms Architecture, retrieved at << http://xml.coverpages.org/xfa.html >> on 8/17/06, Coverpages, June 16, 1999	<input type="checkbox"/>
	2	Raggett, "HTML Tables", retrieved on August 06, 2006, at << http://is-edu.hcmuns.edu.vn/WebLib/books/Web/Tel/html3-tables.html >>, W3C Internet Draft, July 07, 1995, pp 1-12	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	9/07
--------------------	---	-----------------	------

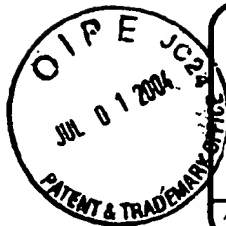
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

Please type a plus sign (+) inside this box → +

EV466809528

+



Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/599,298
				Filing Date	Jun 21, 2000
				First Named Inventor	Ruthfield
				Group Art Unit	2174
				Examiner Name	Sax, S.
Sheet	1	of	6	Attorney Docket Number	MS1-560US

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
[Signature]		6081610		Dwork, et al.	06/27/2000	
		6094657		Hallpern, et al.	07/25/2000	
		6108783		Krawczyk, et al.	08/22/2000	
		6711679		Guski, et al.	03/23/2004	
		6253374		Dresevic, et al.	06/26/2001	
		6263313		Milsted, et al.	07/17/2001	
		6167521		Smith et al.	12/26/2000	
		6275599		Adler, et al.	08/14/2001	
		6292897		Gennaro, et al.	09/18/2001	
		6311271		Gennaro, et al.	10/30/2001	
		6345256		Milsted et al.	02/05/2002	
		RE38070		Spies et al.	04/08/2003	
		6609200		Anderson et al.	08/19/2003	
		6701434		Rohatgi	03/02/2004	
		6578144		Gennaro, et al.	06/10/2003	
		6643684		Malkin, et al.	11/04/2003	
		6697944		Jones, et al.	02/24/2004	
		6691230		Bardon	02/10/2004	
		6546546		Van Doorn	04/08/2003	
		6505300		Chan, et al.	01/07/2003	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁸
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
			JP3191429					

Examiner Signature	[Signature]	Date Considered	4/07
-----------------------	-------------	--------------------	------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

+

Substitute for form 1449A/PTO

(use as many sheets as necessary)

Sheet	2	of	6
-------	---	----	---

Complete if Known

Application Number	09/599,298
---------------------------	-------------------

Filing Date	Jun 21, 2000
--------------------	--------------

First Named Inventor	Ruthfield
-----------------------------	------------------

Group Art Unit	2174
----------------	------

Examiner Name	Sax. S.
---------------	---------

Attorney Docket Number	MS1-560US
------------------------	-----------

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

*EXAMINER: Initial if reference considered. Whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

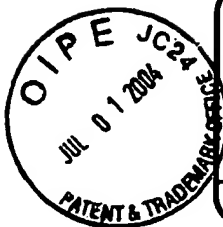
¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.

+

**Complete if Known**

Application Number	09/599,298
Filing Date	Jun 21, 2000
First Named Inventor	Ruthfield
Group Art Unit	2174
Examiner Name	SAX, STEVEN PAUL
Attorney Docket Number	MS1-560US

(use as many sheets as necessary)

Sheet	4	of	6
-------	---	----	---

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
SE		5550976		Henderson et al.	08/27/1996	
		5551035		Arnold et al.	08/27/1996	
		5572643		Judson	11/05/1996	
		5577252		Nelson et al.	11/19/1996	
		5581686		Koppolu et al.	12/03/1996	
		5581760		Atkinson et al.	12/03/1996	
		5608720		Biegel et al.	03/04/1997	
		5634121		Tracz et al.	05/27/1997	
		5640544		Onodera et al.	06/17/1997	
		5659729		Nielsen	08/19/1997	
		5664178		Sinofsky	09/02/1997	
		5682536		Atkinson et al.	10/28/1997	
		5689703		Atkinson et al.	11/18/1997	
		5706501		Horikiri et al.	01/06/1998	
		5740439		Atkinson et al.	04/14/1998	
		5745683		Lee et al.	04/28/1998	
		5758184		Lucovsky et al.	05/26/1998	
	5758358		Ebbo	05/26/1998		
	5761683		Logan et al.	06/02/1998		
	5764984		Loucks	06/09/1998		

FOREIGN PATENT DOCUMENTS

[illegible]

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

Please type a plus sign (+) inside this box → ☐

EV466809528

+

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 6 of 6

Complete if Known

Application Number	09/599,298
Filing Date	Jun 21, 2000
First Named Inventor	Ruthfield
Group Art Unit	2174
Examiner Name	Sax, S.
Attorney Docket Number	MS1-560US



NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JS		NOORE A.; "A secure conditional access system using digital signature and encryption" 2003 Digest of Technical Papers. International Conference on Consumer Electronics June 2003 pp. 220-221.	
		KOMATSU N. et al.; "A proposal on digital watermark in document image communication and its application to realizing a signature" Electronics and Communications in Japan	
		SUN Q. et al.; "A robust and secure media signature scheme for JPEG images" Proceedings of 2002 IEEE Workshop on Multimedia Signal Processing December 2002 pp. 296-299.	
		Whitehill; "Whitehill Composer" Whitehill Technologies Inc. 2 pages.	
		Pacheco et al.; "Delphi 5 Developer's Guide" Sams Publishing 1999 Chapter 31 Section: Data Streaming 6 pages.	
		CLARKE; "From small beginnings"; Knowledge Management, November 2001; www.bl.uk; 2 pages.	
		HWANG, et al; "Micro-Firewalls for Dynamic Network Security with Distributed Intrusion Detection"; IEEE International Symposium on Network Computing and Applications; 2001; pp. 68-79.	
		SCHMID, et al; "Protecting Data from Malicious Software"; 18th Annual Computer Security Applications Conference; 2002; pp. 199-208.	
		KAIYA, et al; "Specifying Runtime Environments and Functionalities of Downloadable Components Under the Sandbox Model"; International Symposium on Principles of Software Evolution; 2000; pp. 138-142.	
		PREVELAKIS, et al; "Sandboxing Applications"; Proceedings of the FREENIX Track; 2001; pp. 119-126.	
		TOMIMORI, et al; "An Efficient and Flexible Access Control Framework for Java Programs in Mobile Terminals"; 22nd International Conference on Distributed Computing Systems Workshops; 2002; pp. 777-782.	

Examiner
Signature

Date
Considered

4/07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.